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Labour Force Survey, Australia

Revisions to Historical ANZSIC Industry Data

Information Paper



Statistics ■

NOTES

INQUIRIES

For further information about the contents of this publication or the availability of labour force data products and services, contact Sylvia Sajler on Canberra (06) 252 6525 or any Australian Bureau of Statistics (ABS) State office.

For information about other ABS statistics and services please refer to the back of this publication.

RELATED PUBLICATIONS

Users may wish to refer to the following publications which relate to the labour force and are available for sale on request:

Labour Force, Australia (6203.0) issued monthly

Australian and New Zealand Standard Industrial Classification 1993 (1292.0)

Current publications produced by the ABS are listed in the *Catalogue of Publications and Products, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Release Advice* (1105.0) which lists publications to be released in the next few days. The Catalogue and Release advice are available from any ABS office.

UNPUBLISHED STATISTICS

The ABS can also make available more detailed information in the form of customised reports. In general, a charge is applied for providing unpublished information. For inquiries regarding the availability of unpublished labour force data, contact Sylvia Sajler on Canberra (06) 252 6525 or any ABS State office.

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THE LABOUR FORCE SURVEY AND ANZSIC

INTRODUCTION

This publication provides details of revisions to the concordance between the Australian Standard Industrial Classification (ASIC) and the Australian and New Zealand Standard Industrial Classification (ANZSIC) used for Labour Force Survey (LFS) data. ANZSIC has been applied to LFS data since August 1994. A detailed description of ANZSIC is published in *Australian and New Zealand Standard Industrial Classification, 1993* (1292.0).

A concordance between the two classifications was published in the August 1994 issue of *Labour Force, Australia* (6203.0), and in the previous issue of this information paper. Both publications included historical labour force estimates converted from ASIC to ANZSIC for the period May 1986 to August 1994. It has since been found that the concordance, which was based on preliminary investigations, did not provide the most appropriate conversion for certain Group level industries. An improved concordance has now been applied to historical LFS estimates.

INDUSTRY CLASSIFICATIONS AND THE LFS

ANZSIC, like ASIC, is a classification which serves to identify groupings of businesses which carry out similar economic activities and which satisfy other conditions (like economic significance). These groups can be used to define an industry. An individual business can then be assigned to an industry on the basis of its predominant economic activity.

The industry classification can then be used in collections such as the LFS, where employed and unemployed persons are classified to either the industry of the business in which they are employed, or to the industry of the business in which they were previously employed (in the case of unemployed persons who had worked full time for at least two weeks in the last two years).

DEVELOPMENT OF ANZSIC

ANZSIC was developed by the ABS and Statistics New Zealand for use in the production and analysis of industry statistics in both countries.

The development of ANZSIC resulted from the need to improve the comparability of industry statistics between Australia and New Zealand. While the development of ANZSIC reflects changes in the world economy during the last 20 years, it also acknowledges particular circumstances in Australia and New Zealand, such as:

- a shift away from goods-producing industries to service industries;
- the desire for closer alignment with the International Standard Industrial Classification of All Economic Activities (ISIC), Revision 3;
- rapid technological development; and
- user requirements for separate industry categories.

STRUCTURE OF ANZSIC

ANZSIC, like ASIC, has a structure consisting of categories at four levels: Divisions (the broadest level), Subdivisions, Groups and Classes. At the Division level the main purpose is to provide a limited number of categories which will provide a broad overall picture of the economy. There are 17 divisions with ANZSIC, each identified by an alphabetical character, as follows:

Division	Title
A	Agriculture, Forestry and Fishing
B	Mining
C	Manufacturing
D	Electricity, Gas and Water Supply
E	Construction
F	Wholesale Trade
G	Retail Trade
H	Accommodation, Cafes and Restaurants
I	Transport and Storage
J	Communication Services
K	Finance and Insurance
L	Property and Business Services
M	Government Administration and Defence
N	Education
O	Health and Community Services
P	Cultural and Recreational Services
Q	Personal and Other Services

The Subdivision, Group and Class levels provide increasingly detailed dissections of the broad categories. LFS responses were only coded at the Group (3-digit) level under the ASIC. A similar practice continues under ANZSIC, with responses coded at the Group level.

ASIC/ANZSIC CONCORDANCE

To assist users in making comparisons with previously published data, the following pages provide a concordance at ASIC Group level, compared with the corresponding ANZSIC Group(s). The concordance also shows revised estimates of the proportion of employment attributable to each ANZSIC Group(s), as compared with ASIC Group data, using employment information at the establishment unit level taken from the ABS Business Register as at May 1994. Historical estimates of employment by ANZSIC industry group have been compiled after converting unit records using the proportions shown in this revised concordance to ANZSIC equivalent Groups. Historical data at the ANZSIC Division level, produced using the revised proportions, are now available for the period November 1984 to May 1994. The revised historical estimates of employment by ANZSIC Division are shown in the following pages, and will be published in the May 1996 issue of *Labour Force, Australia* (6203.0).

DATA AVAILABILITY

Tables showing revised original, seasonally adjusted and trend estimates of industry (ANZSIC Division level) from November 1984 to May 1994 appear in pages 11–16 of this publication. These historical estimates replace those previously released.

From the August 1994 LFS, ANZSIC has been used to classify employed and unemployed persons by industry. Industry data are available at the Division, Subdivision and Group level (the most detailed level at which industry is coded for the LFS).

ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY

ASIC		Employment ratio %	ANZSIC
A Agriculture, Forestry, Fishing and Hunting			
012	Poultry	100.000	014 Poultry Farming
013	Fruit	100.000	011 Horticulture and Fruit Growing
014	Vegetables	91.788 8.211	011 Horticulture and Fruit Growing 016 Other Crop Growing
018	Cereal Grains, Sheep, Cattle and Pigs	87.114 9.072 3.813	012 Grain Sheep and Beef Cattle Farming 013 Dairy Cattle Farming 015 Other Livestock Farming
019	Other Agriculture	48.538 0.160 28.172 23.128	011 Horticulture and Fruit Growing 012 Grain Sheep and Beef Cattle Farming 015 Other Livestock Farming 016 Other Crop Growing
020	Services to Agriculture	100.000	021 Services to Agriculture
030	Forestry and Logging	100.000	030 Forestry and Logging
043	Fishing	68.055 31.458 0.486	041 Marine Fishing 042 Aquaculture 774 Machinery and Equipment Hiring and Leasing
044	Hunting and Trapping	100.000	022 Hunting and Trapping
B Mining			
111	Ferrous Metal Ores	100.000	131 Metal Ore Mining
112	Non-Ferrous Metal Ores	100.000	131 Metal Ore Mining
120	Coal	100.000	110 Coal Mining
130	Oil and Gas	100.000	120 Oil and Gas Extraction
140	Construction Materials	100.000	141 Construction Material Mining
150	Other Non-Metallic Minerals	32.666 67.333	141 Construction Material Mining 142 Other Mining
161	Mineral Exploration (Own Account)	100.000	151 Exploration
162	Mining and Exploration Services n.e.c.	10.490 89.509	151 Exploration 152 Other Mining Services
C Manufacturing			
211	Meat Products	99.765 0.234	211 Meat and Meat Product Manufacturing 253 Basic Chemical Manufacturing
212	Milk Products	100.000	212 Dairy Product Manufacturing
213	Fruit and Vegetable Products	100.000	213 Fruit and Vegetable Processing
214	Margarine and Oils and Fats n.e.c.	100.000	214 Oil and Fat Manufacturing
215	Flour Mill and Cereal Food Products	100.000	215 Flour Mill and Cereal Food Manufacturing
216	Bread, Cakes and Biscuits	77.733 22.266	216 Bakery Product Manufacturing 512 Specialised Food Retailing

ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY — *continued*

ASIC	Employment ratio		ANZSIC	
	%			
217	Other Food Products	100.000	217	Other Food Manufacturing
219	Tobacco Products	100.000	219	Tobacco Product Manufacturing
234	Textile Fibres, Yarns and Woven Fabrics	3.356	021	Services to Agriculture
		93.789	221	Textile Fibre, Yarn and Woven Fabric Manufacturing
		0.661	222	Textile Product Manufacturing
		2.113	223	Knitting Mills
		0.079	226	Leather and Leather Product Manufacturing
235	Other Textile Products	100.000	222	Textile Product Manufacturing
244	Knitting Mills	100.000	223	Knitting Mills
245	Clothing	1.205	222	Textile Product Manufacturing
		98.794	224	Clothing Manufacturing
246	Footwear	100.000	225	Footwear Manufacturing
253	Wood and Wood Products	0.007	225	Footwear Manufacturing
		34.156	231	Log Sawmilling and Timber Dressing
		64.293	232	Other Wood Product Manufacturing
		1.288	291	Prefabricated Building Manufacturing
		0.254	294	Other Manufacturing
254	Furniture and Mattresses	0.053	222	Textile Product Manufacturing
		99.946	292	Furniture Manufacturing
263	Paper and Paper Products	0.128	222	Textile Product Manufacturing
		99.871	233	Paper and Paper Product Manufacturing
264	Printing and Allied Industries	54.219	241	Printing and Services to Printing
		45.780	242	Publishing
275	Basic Chemicals	100.000	253	Basic Chemical Manufacturing
276	Other Chemical Products	96.245	254	Other Chemical Product Manufacturing
		3.754	276	Fabricated Metal Product Manufacturing
277	Petroleum Refining	100.000	251	Petroleum Refining
278	Petroleum and Coal Products n.e.c.	100.000	252	Petroleum & Coal Product Manufacturing n.e.c.
285	Glass and Glass Products	100.000	261	Glass and Glass Product Manufacturing
286	Clay Products and Refractories	100.000	262	Ceramic Product Manufacturing
287	Cement and Concrete Products	100.000	263	Cement, Lime, Plaster & Concrete Product Manufacturing
288	Other Non-Metallic Mineral Products	31.793	263	Cement, Lime, Plaster & Concrete Product Manufacturing
		68.206	264	Non-Metallic Mineral Product Manufacturing n.e.c
294	Basic Iron and Steel	99.839	271	Iron and Steel Manufacturing
		0.160	276	Fabricated Metal Product Manufacturing
295	Basic Non-Ferrous Metals	0.271	254	Other Chemical Product Manufacturing
		99.728	272	Basic Non-Ferrous Metal Manufacturing
296	Non-Ferrous Metal Basic Products	100.000	273	Non-Ferrous Basic Metal Product Manufacturing
314	Structural Metal Products	93.166	274	Structural Metal Product Manufacturing
		6.833	291	Prefabricated Building Manufacturing

ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY --- *continued*

ASIC	Employment ratio		ANZSIC
	%		
315 Sheet Metal Products	84.401	275	Sheet Metal Product Manufacturing
	14.168	292	Furniture Manufacturing
	1.429	294	Other Manufacturing
324 Other Transport Equipment	99.922	282	Other Transport Equipment Manufacturing
	0.077	294	Other Manufacturing
334 Equipment	44.911	283	Photographic and Scientific Equipment Manufacturing
	2.045	284	Electronic Equipment Manufacturing
	53.042	952	Other Personal Services
335 Appliances and Electrical Equipment	2.935	243	Recorded Media Manufacturing and Publishing
	3.191	283	Photographic and Scientific Equipment Manufacturing
	29.819	284	Electronic Equipment Manufacturing
	63.738	285	Electrical Equipment and Appliance Manufacturing
	0.314	286	Industrial Machinery and Equipment Manufacturing
336 Industrial Machinery and Equipment	3.101	283	Photographic and Scientific Equipment Manufacturing
	0.416	284	Electronic Equipment Manufacturing
	96.481	286	Industrial Machinery and Equipment Manufacturing
345 Leather and Leather Products	0.722	222	Textile Product Manufacturing
	5.581	224	Clothing Manufacturing
	93.695	226	Leather and Leather Product Manufacturing
346 Rubber Products	100.000	255	Rubber Product Manufacturing
347 Plastic and Related Products	0.441	225	Footwear Manufacturing
	97.316	256	Plastic Product Manufacturing
	2.241	264	Non-Metallic Mineral Product Manufacturing n.e.c.
348 Other Manufacturing	0.524	253	Basic Chemical Manufacturing
	9.384	283	Photographic and Scientific Equipment Manufacturing
	7.174	285	Electrical Equipment and Appliance Manufacturing
	77.929	294	Other Manufacturing
	4.986	785	Marketing and Business Management Services
D Electricity, Gas and Water			
361 Electricity	100.000	361	Electricity Supply
362 Gas	100.000	362	Gas Supply
370 Water, Sewerage and Drainage	100.000	370	Water Supply
E Construction			
411 Building Construction	100.000	411	Building Construction
412 Non-Building Construction	86.547	412	Non-Building Construction
	13.452	425	Other Construction Services
423 Concreting, Bricklaying and Tiling Trades	90.462	422	Building Structure Services
	9.406	424	Building Completion Services
	0.130	425	Other Construction Services
424 Other Special Trades	1.120	412	Non-Building Construction
	11.024	421	Site Preparation Services
	5.040	422	Building Structure Services
	48.388	423	Installation Trade Services
	25.445	424	Building Completion Services
	8.979	425	Other Construction Services

ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY — *continued*

ASIC		Employment ratio %	ANZSIC
F Wholesale and Retail Trade			
471	General Wholesalers	12.754	471 Food, Drink and Tobacco Wholesaling
		39.795	472 Textile, Clothing and Footwear Wholesaling
		47.447	479 Other Wholesaling
473	Machinery and Equipment Wholesalers	89.247	461 Machinery and Equipment Wholesaling
		9.755	462 Motor Vehicle Wholesaling
		0.325	774 Machinery and Equipment Hiring and Leasing
		0.671	783 Computer Services
474	Minerals, Metals and Chemicals Wholesalers	100.000	452 Mineral, Metal and Chemical Wholesaling
475	Farm Properties and Produce Dealers n.e.c.	98.266	451 Farm Produce Wholesaling
		1.733	772 Real Estate Agents
476	Food, Drink and Tobacco Wholesalers	0.440	217 Other Food Manufacturing
		99.559	471 Food, Drink and Tobacco Wholesaling
477	Textile and Clothing Wholesalers	100.000	472 Textile, Clothing and Footwear Wholesaling
478	Household Goods Wholesalers	100.000	473 Household Good Wholesaling
479	Other Specialist Wholesalers	1.001	461 Machinery and Equipment Wholesaling
		98.998	479 Other Wholesaling
481	Department and General Stores	100.000	521 Department Stores
484	Clothing, Fabrics and Furniture Stores	81.045	522 Clothing and Soft Good Retailing
		17.713	523 Furniture, Houseware and Appliance Retailing
		1.241	526 Household Equipment Repair Services
485	Household Appliance and Hardware Stores	60.746	523 Furniture, Houseware and Appliance Retailing
		18.586	525 Other Personal and Household Good Retailing
		10.066	526 Household Equipment Repair Services
		10.600	951 Personal and Household Goods Hiring
486	Motor Vehicle Dealers; Petrol and Tyre Retailer	9.049	462 Motor Vehicle Wholesaling
		1.487	524 Recreational Good Retailing
		22.163	531 Motor Vehicle Retailing
		67.268	532 Motor Vehicle Services
		0.030	774 Machinery and Equipment Hiring and Leasing
487	Milk and Bread Vendors	100.000	512 Specialised Food Retailing
488	Food Stores	49.451	511 Supermarket and Grocery Stores
		50.548	512 Specialised Food Retailing
489	Other Retailers	40.688	524 Recreational Good Retailing
		59.311	525 Other Personal and Household Good Retailing
G Transport and Storage			
511	Road Freight Transport	89.609	611 Road Freight Transport
		3.683	664 Other Services to Transport
		6.706	711 Postal and Courier Services
512	Road Passenger Transport	100.000	612 Road Passenger Transport
520	Rail Transport	100.000	620 Rail Transport
530	Water Transport	100.000	630 Water Transport

ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY -- continued

ASIC	Employment ratio		ANZSIC
	%		
540 Air Transport	100.000	640	Air and Space Transport
550 Other Transport	100.000	650	Other Transport
571 Services to Road Transport	39.552	661	Services to Road Transport
	60.447	774	Machinery and Equipment Hiring and Leasing
574 Other Services to Transport	100.000	664	Other Services to Transport
580 Storage	100.000	670	Storage
H Communication			
590 Communication	2.776	711	Postal and Courier Services
	97.223	712	Telecommunication Services
I Finance, Property and Business Services			
614 Banking	1.759	731	Central Bank
	98.240	732	Deposit Taking Financiers
615 Non-Bank Finance	52.011	732	Deposit Taking Financiers
	47.988	733	Other Financiers
616 Investment	93.582	734	Financial Asset Investors
	1.007	771	Property Operators and Developers
	5.410	773	Non-Financial Asset Investors
617 Services to Finance and Investment	100.000	751	Services to Finance and Investment
623 Insurance	44.302	741	Life Insurance and Superannuation Funds
	55.697	742	Other Insurance
624 Services to Insurance	100.000	752	Services to Insurance
631 Real Estate Agents	100.000	772	Real Estate Agents
632 Real Estate Operators and Developers	99.958	771	Property Operators and Developers
	0.041	925	Services to the Arts
633 Technical Services	100.000	782	Technical Services
637 Legal and Accounting Services	100.000	784	Legal and Accounting Services
638 Other Business Services	2.086	782	Technical Services
	12.723	783	Computer Services
	34.167	785	Marketing and Business Management Services
	51.022	786	Other Business Services
639 Plant Hire and Leasing n.e.c.	100.000	774	Machinery and Equipment Hiring and Leasing
J Public Administration and Defence			
711 Government Administration	100.000	811	Government Administration
712 Justice	100.000	812	Justice
713 Foreign Government Representation	100.000	813	Foreign Government Representation
720 Defence	100.000	820	Defence

ASIC/ANZSIC CONCORDANCE WITH ESTIMATES OF EMPLOYMENT BY INDUSTRY — *continued*

ASIC		Employment ratio %	ANZSIC
K Community Services			
814	Hospitals and Nursing Homes	100.000	861 Hospitals and Nursing Homes
815	Other Health	1.151	283 Photographic and Scientific Equipment Manufacturing
		62.346	862 Medical and Dental Services
		36.502	863 Other Health Services
816	Veterinary Services	100.000	864 Veterinary Services
824	Post School and Other Education	77.159	843 Post School Education
		22.840	844 Other Education
825	Libraries, Museums and Art Galleries	57.626	921 Libraries
		42.373	922 Museums
830	Welfare and Religious Institutions	4.449	871 Child Care Services
		82.047	872 Community Care Services
		13.502	961 Religious Organisations
846	Research and Meteorology Services	92.696	781 Scientific Research
		7.303	782 Technical Services
847	Business and Labour Associations	100.000	962 Interest Groups
848	Other Community Organisations	100.000	962 Interest Groups
849	Other Community Services	27.242	786 Other Business Services
		0.027	872 Community Care Services
		0.069	925 Services to the Arts
		72.660	963 Public Order and Safety Services
L Recreation, Personal and Other Services			
913	Entertainment	31.879	911 Film and Video Services
		26.236	912 Radio and Television Services
		13.396	924 Arts
		5.426	925 Services to the Arts
		23.059	933 Other Recreation Services
914	Sport and Recreation	0.246	774 Machinery and Equipment Hiring and Leasing
		7.771	923 Parks and Gardens
		54.341	931 Sport
		33.882	932 Gambling Services
		3.758	933 Other Recreation Services
923	Restaurants, Hotels and Accommodation	31.550	571 Accommodation
		24.056	572 Pubs, Taverns and Bars
		44.392	573 Cafes and Restaurants
924	Clubs	100.000	574 Clubs (Hospitality)
934	Laundries and Dry Cleaners	100.000	952 Other Personal Services
935	Hairdressers, Beauty Salons	100.000	952 Other Personal Services
936	Other Personal Services	2.774	021 Services to Agriculture
		1.606	863 Other Health Services
		1.037	871 Child Care Services
		0.758	925 Services to the Arts
		93.823	952 Other Personal Services
940	Private Households Employing Staff	100.000	970 Private Households Employing Staff

TABLE 1. EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: ORIGINAL SERIES, REVISED ESTIMATES
(^{'000})

Month	Agri- culture, forestry and fishing	Mining	Manu- fact- uring	Elect- ricity gas and water supply	Const- ruc- tion	Whole- sale trade	Retail trade	Accomm- odation, cafes and resta- urants	Trans- port and storage	Commu- nication services	Finance and insur- ance	Property and business services	Govern- ment adminis- tration and defence	Educa- tion	Health and commu- nity services	Cult- ural and recrea- tional services	Personal and other services
1984 —																	
November	413.2	94.1	1,146.4	142.9	445.9	411.4	896.3	223.8	341.8	144.7	261.7	403.6	319.2	450.8	543.7	115.4	221.2
1985 —																	
February	406.8	95.2	1,143.7	133.0	475.9	421.3	874.8	226.1	354.4	149.7	266.1	419.3	324.5	422.6	545.3	118.2	218.5
May	396.1	92.9	1,127.8	133.6	490.3	413.9	904.0	227.1	357.4	154.7	278.8	435.9	325.4	448.2	531.2	121.9	218.7
August	416.7	101.6	1,100.8	138.7	474.2	422.7	896.9	215.5	365.9	156.9	282.9	441.5	325.3	457.0	540.8	122.7	215.3
November	436.1	108.8	1,131.9	143.9	474.3	428.4	956.1	231.9	363.0	148.8	290.2	454.2	320.4	472.1	565.0	135.1	221.6
1986 —																	
February	422.6	109.2	1,144.5	150.0	466.2	419.9	955.6	231.2	360.5	149.1	302.5	455.3	335.1	429.7	583.2	123.7	223.6
May	436.3	103.7	1,137.8	143.9	494.6	432.4	982.4	234.5	366.3	152.0	302.2	456.0	340.1	450.4	595.8	125.3	225.4
August	417.2	95.5	1,118.4	137.5	496.8	427.3	957.6	239.5	385.5	157.8	307.1	455.2	325.9	472.5	571.5	126.7	226.6
November	430.7	99.7	1,118.3	133.1	493.6	433.9	994.6	246.0	387.1	148.5	299.8	484.2	329.1	484.8	578.5	131.0	241.3
1987 —																	
February	423.6	105.4	1,124.5	134.6	509.0	437.1	969.5	245.9	374.1	143.2	305.1	490.8	333.1	452.9	598.0	134.6	240.9
May	416.8	103.5	1,136.8	126.8	512.5	436.7	965.6	258.7	373.4	147.1	314.9	495.3	346.2	487.5	601.6	134.9	245.4
August	404.1	98.5	1,139.0	119.6	491.4	445.2	961.0	256.1	364.7	147.2	333.5	500.1	352.0	487.7	604.1	131.0	256.9
November	408.3	100.0	1,172.5	124.4	496.2	439.2	1,035.8	266.7	373.3	143.5	325.7	484.8	345.2	486.1	582.8	140.9	256.6
1988 —																	
February	430.8	98.3	1,160.0	134.8	512.6	449.8	1,029.8	274.4	386.2	145.9	334.4	502.7	342.6	456.3	590.7	140.0	257.8
May	430.4	93.9	1,165.0	118.0	527.6	468.2	1,042.3	278.4	375.0	137.9	334.0	526.8	347.3	487.5	620.1	142.0	260.5
August	429.9	95.3	1,187.1	113.9	532.4	473.6	1,021.8	281.2	366.8	143.4	329.9	539.3	322.7	483.9	630.3	136.5	265.3
November	441.0	95.3	1,197.2	116.0	565.1	480.1	1,059.8	288.6	372.7	144.2	334.0	549.7	327.5	495.1	628.5	143.4	270.4
1989 —																	
February	434.9	100.0	1,199.8	122.6	587.4	487.8	1,083.6	283.7	382.3	150.4	350.3	559.7	318.4	459.1	647.5	147.1	251.9
May	434.1	100.9	1,221.4	124.6	597.2	493.0	1,081.9	296.1	379.2	147.0	356.2	566.1	330.8	500.7	678.3	155.4	257.9
August	409.4	104.9	1,216.6	112.9	603.4	505.6	1,090.5	290.7	394.7	148.6	348.9	590.5	323.2	511.4	640.1	158.5	265.2
November	433.5	106.6	1,215.0	107.8	610.3	514.3	1,127.6	307.9	387.2	150.2	349.6	608.6	334.4	520.3	641.6	166.6	281.0
1990 —																	
February	424.8	104.8	1,190.2	106.8	619.2	504.7	1,120.4	315.6	379.2	145.4	361.6	616.5	348.3	501.8	637.4	152.7	273.5
May	446.0	99.1	1,182.6	107.1	576.4	519.9	1,136.5	325.2	375.5	151.6	379.8	599.5	370.6	548.2	658.0	152.6	279.8
August	427.0	95.2	1,177.0	104.0	587.4	513.1	1,089.1	310.5	387.7	154.3	371.6	602.0	364.0	534.5	672.9	145.0	272.7
November	456.5	95.1	1,164.5	104.5	587.5	506.0	1,114.6	319.2	378.2	155.2	352.7	605.5	362.8	525.8	679.8	146.8	272.2
1991 —																	
February	430.3	101.5	1,133.1	102.9	571.9	521.2	1,093.1	320.0	384.5	149.2	342.1	608.0	360.5	504.9	665.0	151.4	269.2
May	425.9	88.4	1,099.1	101.6	543.7	503.9	1,092.4	337.5	388.4	144.9	352.8	613.2	354.3	532.3	693.3	154.7	277.2
August	407.4	94.2	1,082.0	102.6	509.3	493.8	1,079.8	335.4	383.6	140.8	346.5	619.1	356.0	541.4	698.3	161.0	278.1
November	422.2	84.8	1,097.8	102.0	526.6	492.4	1,075.5	346.5	377.7	140.6	336.6	611.0	339.3	521.1	704.4	171.1	280.3

TABLE 1. EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: ORIGINAL SERIES, REVISED ESTIMATES—continued
(^{'000})

Month	Agri- culture, forestry and fishing	Mining	Manu- fact- uring	Elect- ricity gas and water supply	Const- ruc- tion	Whole- sale trade	Retail trade	Accom- modation, cafes and restau- rants	Trans- port and storage	Communi- cation services	Finance and insur- ance	Property and business services	Govern- ment adminis- tration and defence	Educa- tion	Health and commu- nity services	Cult- ural and recrea- tional services	Personal and other services
<i>1992 —</i>																	
February	405.9	91.0	1,080.9	108.8	517.2	482.9	1,095.6	340.5	369.0	146.9	323.4	622.5	351.8	512.4	692.1	164.3	295.8
May	396.8	88.5	1,083.2	111.5	515.0	487.8	1,110.9	346.0	367.9	132.0	329.4	621.3	350.9	550.7	680.7	158.4	301.8
August	396.2	89.6	1,076.9	104.4	524.0	493.3	1,083.6	337.3	360.4	123.7	331.6	631.1	340.8	557.8	701.3	157.9	307.6
November	417.1	84.5	1,112.1	92.0	526.0	470.7	1,093.6	330.0	348.6	125.6	317.0	632.2	365.2	546.8	696.5	149.5	290.0
<i>1993 —</i>																	
February	414.3	83.3	1,076.6	97.3	535.0	479.1	1,111.0	334.4	363.2	119.6	312.6	597.9	381.8	523.6	671.0	149.3	289.3
May	388.7	89.6	1,080.4	96.6	547.5	504.5	1,128.1	342.5	359.6	124.1	311.7	602.0	369.2	563.8	685.9	162.0	293.5
August	409.0	90.0	1,061.5	94.8	557.3	507.5	1,073.1	336.6	353.3	122.9	302.8	617.0	389.7	565.2	698.2	158.3	283.5
November	420.9	92.6	1,097.3	93.2	556.5	507.8	1,116.1	348.5	357.9	139.2	323.0	622.3	361.6	562.0	707.1	164.3	298.6
<i>1994 —</i>																	
February	400.8	86.7	1,098.3	90.4	561.3	498.4	1,118.6	354.2	368.5	140.2	321.1	659.8	365.0	523.5	707.8	167.0	290.3
May	404.0	88.2	1,112.1	90.4	557.1	528.1	1,149.3	350.5	370.5	129.1	321.0	668.1	356.9	558.7	722.9	179.3	292.9

TABLE 2. EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: SEASONALLY ADJUSTED SERIES, REVISED ESTIMATES
(^{'000})

Month	Agri- culture, forestry and fishing	Mining	Manu- fact- uring	Elect- ricity gas and water supply	Const- ruc- tion	Whole- sale trade	Retail trade	Accomm- odation, cafes and restau- rants	Trans- port and storage	Communi- cation services	Finance and insur- ance	Property and business services	Government adminis- tration and defence	Educa- tion	Health and commu- nity services	Cult- ural and recrea- tional services	Personal and other services
1984 —																	
November	407.0	93.1	1,142.3	143.9	451.1	412.0	877.4	222.6	341.4	147.1	264.9	402.5	324.0	440.5	548.6	114.0	217.6
1985 —																	
February	406.9	92.9	1,140.5	128.7	472.9	422.5	876.5	226.6	352.5	150.4	265.5	419.2	324.3	444.8	543.2	117.4	219.4
May	394.5	93.5	1,126.5	133.7	482.3	413.4	900.1	225.3	360.0	154.6	277.2	434.8	320.4	443.5	527.5	121.8	219.3
August	424.6	103.4	1,109.3	142.4	480.1	421.3	918.5	217.9	365.8	154.0	281.7	443.9	325.9	449.6	541.5	125.3	217.5
November	430.0	107.7	1,127.3	144.9	479.2	429.1	936.7	230.7	362.5	151.2	293.9	453.0	324.9	461.6	570.4	133.3	217.9
1986 —																	
February	422.4	106.6	1,142.1	145.3	463.1	421.3	956.8	231.9	358.4	149.5	301.8	455.1	335.3	452.3	581.5	123.0	224.8
May	434.4	104.4	1,136.7	143.7	487.3	431.6	978.6	232.4	369.2	152.2	300.2	455.1	334.5	445.2	591.3	125.1	225.9
August	425.5	97.0	1,126.4	141.2	503.1	425.9	979.5	242.3	385.3	155.1	306.0	457.4	326.9	464.9	571.7	129.4	228.8
November	424.7	98.8	1,113.0	134.2	497.6	434.7	976.2	244.6	386.5	150.4	303.9	482.9	333.2	474.7	584.1	129.1	236.9
1987 —																	
February	423.1	102.9	1,123.4	130.8	505.3	438.8	969.9	246.9	372.0	143.4	304.4	490.4	333.9	476.9	597.5	134.1	242.9
May	414.6	104.0	1,136.4	126.0	506.6	435.5	962.0	256.0	376.4	147.6	312.4	495.2	339.7	480.7	596.5	134.5	245.7
August	413.1	99.9	1,145.5	122.8	497.5	443.7	981.6	259.3	364.2	145.2	332.2	501.8	354.0	480.1	603.4	133.7	259.2
November	402.1	99.5	1,166.5	125.5	498.9	440.3	1,019.1	265.1	373.0	144.7	330.3	483.4	348.7	477.2	588.1	138.9	251.7
1988 —																	
February	430.2	96.0	1,160.1	131.6	508.4	451.7	1,029.1	275.9	384.2	145.9	334.3	502.2	343.9	480.1	591.9	139.8	260.8
May	428.0	94.3	1,165.4	116.7	523.6	466.4	1,038.6	274.7	377.8	138.5	330.6	527.8	340.6	479.4	614.9	141.5	260.2
August	440.6	96.4	1,192.6	116.7	538.9	472.0	1,041.3	285.1	366.0	142.3	328.6	539.9	324.7	476.4	628.3	139.2	267.4
November	433.1	95.2	1,189.8	117.3	566.3	481.5	1,046.1	286.9	372.8	144.6	338.6	548.6	330.8	487.9	633.1	141.3	265.6
1989 —																	
February	434.3	97.6	1,201.2	120.3	582.4	490.4	1,082.3	285.5	380.7	150.0	351.3	559.0	319.3	482.3	651.3	147.2	255.2
May	432.4	101.3	1,223.0	122.7	595.3	490.2	1,077.0	291.7	381.3	147.9	351.8	568.1	324.5	491.3	672.9	154.8	257.1
August	420.1	105.6	1,221.4	115.2	609.9	503.9	1,108.6	295.0	393.8	148.5	347.5	589.7	325.9	503.3	637.0	161.2	267.0
November	424.3	107.0	1,206.0	109.2	610.0	516.5	1,117.5	306.3	388.0	149.6	354.0	608.3	337.6	514.8	644.3	164.4	276.8
1990 —																	
February	424.3	102.2	1,192.8	105.5	614.2	507.7	1,118.5	317.8	377.9	144.8	363.8	615.5	348.3	526.1	643.3	153.1	276.9
May	445.7	99.5	1,184.3	105.3	576.5	515.7	1,130.0	319.9	376.5	152.5	374.4	602.3	364.4	537.4	653.7	151.9	278.2
August	437.8	95.4	1,182.6	105.4	592.5	511.8	1,104.8	315.2	386.9	155.6	370.2	599.7	367.1	525.7	669.0	147.1	274.9
November	445.5	95.9	1,153.9	106.0	586.4	508.6	1,108.5	317.7	379.5	153.5	356.5	606.5	366.7	521.7	680.1	145.0	269.0
1991 —																	
February	430.1	99.0	1,136.3	102.2	567.8	524.7	1,091.5	321.9	383.4	148.2	345.0	606.5	358.8	528.7	672.9	152.2	271.9
May	427.2	88.8	1,101.0	100.0	545.2	498.6	1,083.8	332.3	388.2	145.9	347.8	616.3	349.2	521.6	690.1	153.7	274.8
August	416.8	94.0	1,087.6	103.1	512.2	493.1	1,094.5	340.2	383.4	143.3	345.1	615.7	359.8	532.1	693.9	163.1	281.4
November	411.7	85.9	1,087.1	103.5	525.5	495.4	1,072.1	345.1	379.7	137.9	339.5	613.2	342.7	517.8	702.2	169.4	277.3

TABLE 2. EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: SEASONALLY ADJUSTED SERIES, REVISED ESTIMATES—continued
(’000)

Month	Agri- culture, forestry and fishing	Mining	Manu- fact- uring	Elect- ricity gas and water supply	Const- ruc- tion	Whole- sale trade	Retail trade	Accomm- odation, cafes and restau- rants	Trans- port and storage	Commu- nication services	Finance and insur- ance	Property and business services	Govern- ment adminis- tration and defence	Educa- tion	Health and commu- nity services	Cult- ural and recrea- tional services	Personal and other services
1992 —																	
February	405.0	88.7	1,083.5	108.7	514.3	486.1	1,094.0	342.4	367.8	145.8	326.7	621.0	348.8	536.3	701.5	165.2	297.7
May	400.0	88.8	1,085.7	109.9	516.5	481.9	1,100.8	340.9	366.4	132.9	324.9	623.8	347.1	539.9	678.9	157.0	298.9
August	404.1	89.2	1,082.6	104.2	526.2	493.1	1,097.8	341.8	361.4	127.0	330.3	627.0	344.4	547.6	696.5	159.8	313.0
November	406.9	85.9	1,101.3	93.3	524.9	473.7	1,091.3	328.8	350.6	122.5	319.1	635.9	368.9	543.5	693.0	148.2	286.6
1993 —																	
February	412.2	84.8	1,078.6	97.7	532.8	482.6	1,109.8	336.0	361.6	118.4	315.9	596.4	377.5	548.2	680.4	150.3	289.9
May	393.9	87.2	1,083.7	95.5	548.7	497.4	1,116.9	338.0	357.3	125.1	307.8	603.6	365.8	553.1	685.3	160.3	290.9
August	415.8	89.3	1,066.3	94.1	559.2	507.7	1,087.3	340.5	355.6	126.9	301.6	612.8	394.7	554.3	693.0	160.3	289.9
November	411.3	94.3	1,087.5	94.4	555.4	511.4	1,114.0	347.5	360.0	135.1	324.8	626.9	364.5	558.4	702.9	163.1	294.2
1994 —																	
February	397.4	88.3	1,099.7	91.1	559.8	502.1	1,117.3	355.8	366.1	138.6	324.4	658.3	360.6	548.5	717.8	168.1	290.1
May	411.0	85.8	1,115.8	89.4	557.7	520.0	1,137.9	346.1	367.8	130.2	317.2	668.9	353.9	548.4	722.8	177.1	290.7

TABLE 3. EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: TREND SERIES, REVISED ESTIMATES
(^{'000})

Month	Agri- culture, forestry and fishing	Mining	Manu- fact- uring	Elect- ricity gas and water supply	Const- ruc- tion	Whole- sale trade	Retail trade	Accom- modation, cafes and restau- rants	Trans- port and storage	Commu- nication services	Finance and insur- ance	Property and business services	Govern- ment adminis- tration and defence	Educa- tion	Health and commu- nity services	Cult- ural and recrea- tional services	Personal and other services
1984 —																	
November	403.7	91.5	1,146.0	136.9	457.7	415.2	872.6	225.3	343.8	148.0	263.5	405.0	323.5	441.2	546.0	114.3	218.5
1985 —																	
February	403.3	93.1	1,135.5	134.5	469.7	416.5	883.5	224.4	351.9	150.9	268.4	419.0	323.1	442.7	538.7	117.4	218.8
May	407.9	96.6	1,125.0	135.3	479.1	418.8	898.7	223.5	359.5	153.1	275.2	433.0	322.8	446.4	536.9	122.2	218.4
August	416.6	101.9	1,119.8	139.8	480.3	421.3	917.1	224.0	363.1	153.4	284.1	444.9	324.1	452.0	545.0	126.7	218.2
November	426.0	106.6	1,126.1	144.7	474.3	424.3	938.6	226.6	361.8	151.6	293.0	451.7	328.5	454.1	565.4	127.9	219.6
1986 —																	
February	430.0	106.7	1,135.9	145.6	475.1	426.6	958.6	231.1	363.0	151.0	299.4	453.6	331.9	452.8	581.2	126.9	222.5
May	428.7	102.9	1,135.7	143.8	484.3	427.1	973.9	235.8	371.4	152.5	303.0	455.9	332.4	453.7	583.6	125.9	226.1
August	427.9	99.6	1,125.6	140.2	495.8	429.9	979.9	239.6	380.4	152.5	303.6	464.1	331.3	461.2	581.8	127.4	230.6
November	425.3	99.6	1,119.1	135.3	503.4	433.4	975.4	244.4	383.2	150.0	303.4	477.2	330.7	472.1	584.6	130.8	235.6
1987 —																	
February	421.2	101.7	1,122.3	130.1	504.3	436.5	967.2	249.1	378.0	146.9	307.1	490.8	335.3	478.7	593.0	132.7	242.6
May	415.0	102.8	1,134.8	125.7	502.7	438.7	969.3	253.8	370.9	145.3	315.5	496.1	342.9	479.8	599.3	134.1	248.8
August	410.3	101.3	1,149.3	125.2	500.1	439.7	985.9	260.2	369.9	145.8	326.1	493.4	348.5	479.6	596.3	135.7	253.4
November	412.3	98.5	1,157.6	126.2	500.5	444.1	1,010.4	266.5	374.6	145.2	332.6	493.9	350.1	479.3	592.9	137.8	256.3
1988 —																	
February	421.7	96.3	1,164.3	125.2	508.0	452.6	1,029.8	272.5	377.9	143.1	332.6	504.1	344.8	478.4	597.6	139.8	258.9
May	431.6	95.2	1,172.4	121.0	522.8	463.0	1,036.6	278.6	376.3	141.4	330.2	522.1	337.3	478.9	610.1	140.3	262.7
August	436.5	95.0	1,182.2	117.1	542.3	473.8	1,042.8	282.9	372.1	142.0	332.3	539.4	330.6	480.3	624.7	140.1	265.2
November	436.2	95.9	1,194.4	117.6	563.0	481.4	1,054.0	285.7	372.0	145.0	339.4	549.3	325.3	482.1	640.5	142.1	262.4
1989 —																	
February	433.9	98.0	1,206.8	120.5	582.3	487.3	1,069.8	287.7	378.2	148.0	347.2	558.2	322.6	485.7	652.6	147.4	258.7
May	428.9	101.7	1,216.7	120.1	597.2	495.4	1,088.1	290.3	385.7	149.1	350.4	571.8	323.1	492.2	656.3	155.2	259.3
August	423.7	105.1	1,218.5	115.8	608.8	503.6	1,103.4	297.1	388.9	148.5	350.8	590.2	327.3	502.2	650.1	160.7	266.3
November	423.4	105.7	1,208.0	110.0	611.0	510.5	1,116.3	307.0	386.1	147.6	355.2	605.6	337.4	515.9	642.2	160.8	274.3
1990 —																	
February	429.4	103.1	1,195.8	106.0	603.1	513.7	1,123.2	315.1	381.6	148.6	364.6	610.4	350.0	527.0	643.9	156.5	278.2
May	438.3	99.0	1,186.4	105.2	593.4	512.0	1,120.7	318.3	379.4	151.5	371.1	606.5	361.6	530.9	656.0	150.6	277.2
August	442.5	97.1	1,176.0	105.4	587.6	513.0	1,113.8	317.4	380.8	153.9	367.8	602.3	367.4	529.0	666.7	147.1	273.9
November	440.6	96.2	1,157.4	104.5	582.4	515.1	1,102.5	317.9	383.1	153.2	357.9	603.8	364.8	525.0	675.1	147.1	271.3
1991 —																	
February	433.6	95.3	1,131.0	102.6	566.8	511.9	1,094.1	323.2	384.5	149.6	349.3	609.4	359.5	524.7	680.5	149.8	272.0
May	425.8	93.2	1,106.0	101.3	542.4	505.0	1,088.1	331.8	385.6	145.2	346.1	613.2	354.7	525.4	686.9	156.1	274.4
August	417.7	90.3	1,090.3	102.0	524.6	496.6	1,083.4	339.6	384.0	142.9	343.7	615.0	351.3	525.0	696.2	163.1	278.4
November	410.8	88.5	1,084.3	105.1	516.4	489.8	1,084.9	343.4	377.9	142.0	337.2	616.6	349.1	526.5	699.6	166.2	283.8

TABLE 3. EMPLOYED PERSONS BY ANZSIC INDUSTRY DIVISION: TREND SERIES, REVISED ESTIMATES—continued
(^{'000})

Month	Agri- culture, forestry and fishing	Mining	Manu- fact- uring	Elect- ricity gas and water supply	Const- ruc- tion	Whole- sale trade	Retail trade	Accom- modation, cafes and restau- rants	Trans- port and storage	Commu- nication services	Finance and insur- ance	Property and business services	Govern- ment adminis- tration and defence	Educa- tion	Health and commu- nity services	Cult- ural and recrea- tional services	Personal and other services
1992 —																	
February	404.7	88.4	1,083.3	108.4	516.4	488.4	1,090.6	344.0	371.2	139.8	330.4	619.0	345.7	532.8	695.5	165.3	294.0
May	402.1	88.5	1,085.5	107.7	519.0	486.0	1,095.5	341.5	364.5	134.9	326.9	626.1	345.3	540.0	691.9	160.5	302.2
August	404.4	88.1	1,088.5	103.1	521.4	482.7	1,097.6	337.4	359.3	127.5	325.2	628.7	353.4	544.9	690.0	154.8	302.2
November	406.1	86.4	1,090.3	97.9	527.1	481.2	1,100.8	334.5	357.0	121.7	321.7	621.3	362.4	546.2	688.5	151.8	295.4
1993 —																	
February	405.8	85.7	1,085.3	95.4	536.0	484.8	1,104.7	334.1	356.5	120.7	313.4	609.5	373.1	548.5	686.0	152.6	289.8
May	406.7	87.1	1,077.5	95.3	546.8	495.5	1,105.5	336.9	357.1	123.2	307.7	602.9	379.4	552.4	685.1	156.4	289.0
August	407.5	89.3	1,075.4	94.9	555.6	505.2	1,103.7	342.8	357.9	129.1	310.5	611.3	378.2	555.4	692.6	160.7	291.6
November	407.6	89.9	1,084.7	93.1	557.9	510.7	1,105.2	346.9	359.9	133.7	317.8	629.6	371.7	554.8	706.2	164.1	291.3
1994 —																	
February	407.5	88.5	1,100.9	91.7	557.7	510.7	1,119.7	350.2	364.3	134.6	322.0	651.8	361.1	551.1	714.6	168.8	290.8
May	405.5	86.5	1,113.7	90.8	561.7	502.4	1,145.2	354.6	368.8	135.4	318.9	679.3	353.2	547.4	713.0	175.5	293.1

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